

-5 INSTALL, HONEYWELL ENGINE INST'NS, AND DETAIL F.  
THROUGH AS AND DETAIL E. ITEM 26-28 WAS CR3553-4  
RIVETS, OLD PARTS ADDED AS ALT. ITEM 30-32 WERE MS  
NAS9926 SERIES WITH BELL P/N 90-132 SERIES AS ALT.

BOM		1	03/02/21	ITEM #30-32 REVERTED BACK TO MS
4,5,6,8	H		03/14/22	ADDED EDGE DISTANCE NOTE TO ITEM

-2, -3, -4 INSTALLATIONS  
(BELL MODEL 407 HELICOPTER)

STA. 192

DETAIL D

5.19 REF

DRAIN PAN

ACCESS PANEL UPPER FLANGES  
PANEL REMOVAL.

ACCESS PANELS  
(REF)

COMPRESSOR SUPPORT

-CONFIDENTIAL INFORMATION-

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FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR  
WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

PROTO

N/C

Paravion®  
Technology Inc.

COMPI  
INSTA

DRAWN BY  
RHSM R

DIMENSIONS IN INCHES

TOLERANCES EXCEPT  
WHERE NOTED:

.X = ± .1  
.XX = ± .05  
.XXX = ± .010

ANGLES = ± 1°

© 2022 PAR  
PARAVION I  
PARAVION T

BREAK ALL SHARP EDGES

MATCH DRILL FLANGES TO EXISTING  
HOLES IN ACCESS PANELS  
SECURE USING EXISTING HARDWARE

ACCESS PANELS (REF)

DRILL Ø0.143±0.002  
INSTALL (27) (TYP. 11 PLCS)

(4)(48) (REF)

TRIM AS REQ. FOR PROPER EDGE DISTANCE(-4 INST'N)

(4)(48) (REF)

DRILL Ø0.143±0.002  
INSTALL (28)

(2) (REF)

(27) (REF)

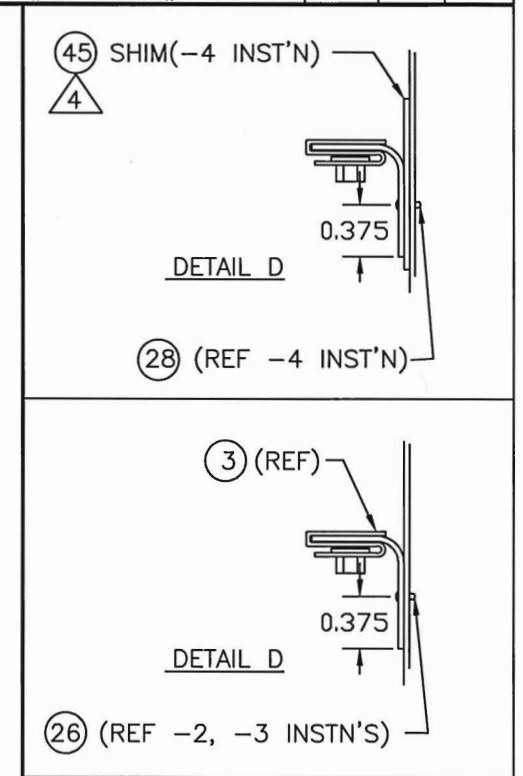
(2) (-2,-3,-4 INST'NS)  
MATCH DRILL Ø0.143±0.002 TO EXISTING  
FASTENER HOLES REF. DETAIL D

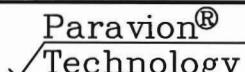
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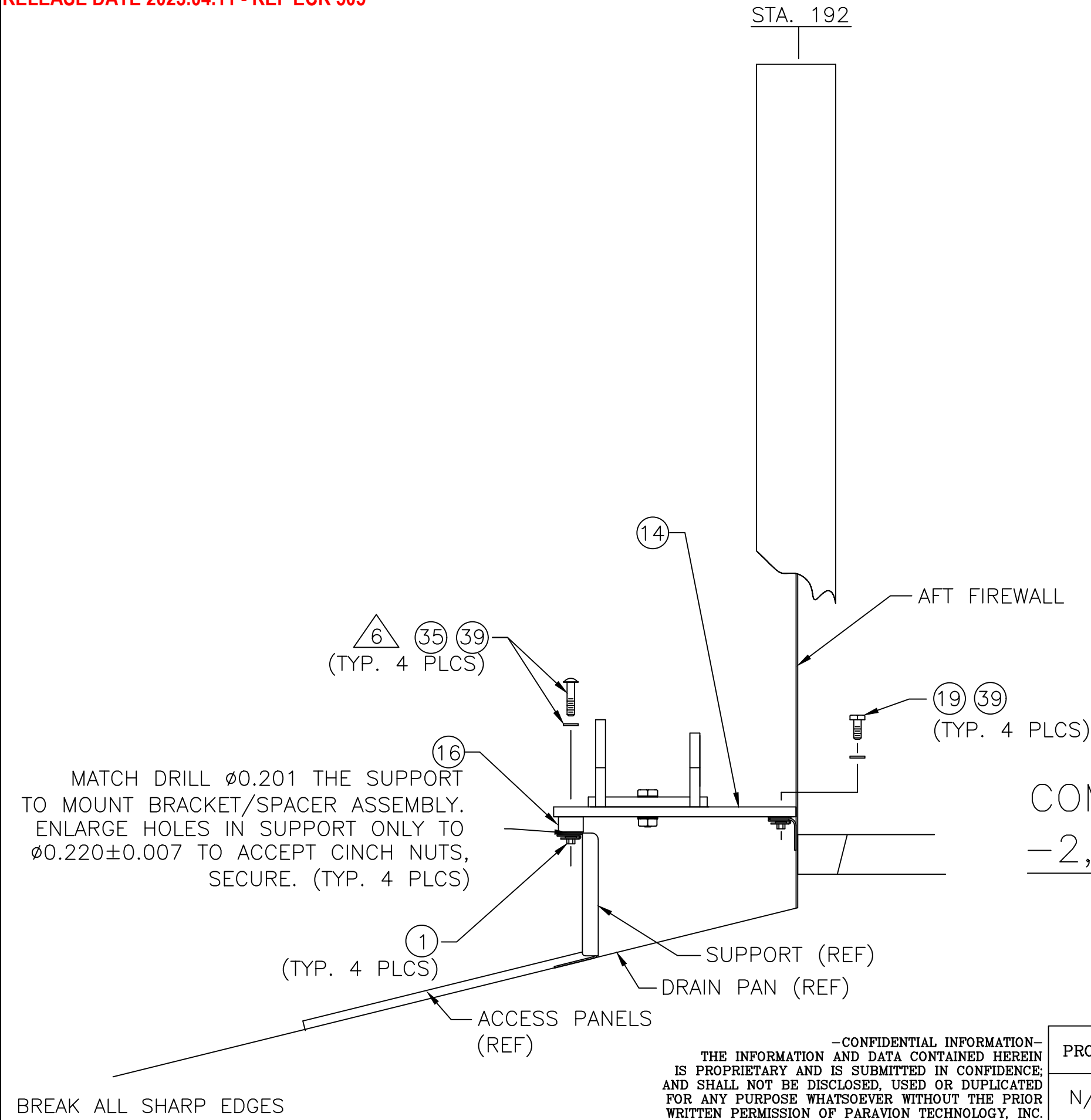
(28) (TYP. 6 PLCS, -4 INST'N)

DETAIL F

0.75



<div></div> <div>Paravion® Technology Inc.</div>	TITLE COMPRESSOR INSTALLATION			DRAWING NO. 407AC-310		
DIMENSIONS IN INCHES	DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:	RHSM	REB	LS	04/15/97	H	
.X = ± .1					SHEET	1 OF 8
.XX = ± .05						
.XXX = ± .010	DO NOT SCALE DRAWING					
ANGLES = ± 1°	© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.					



COMPRESSOR MOUNT BRACKET  
-2, -3, -4, -5 INSTALLATION

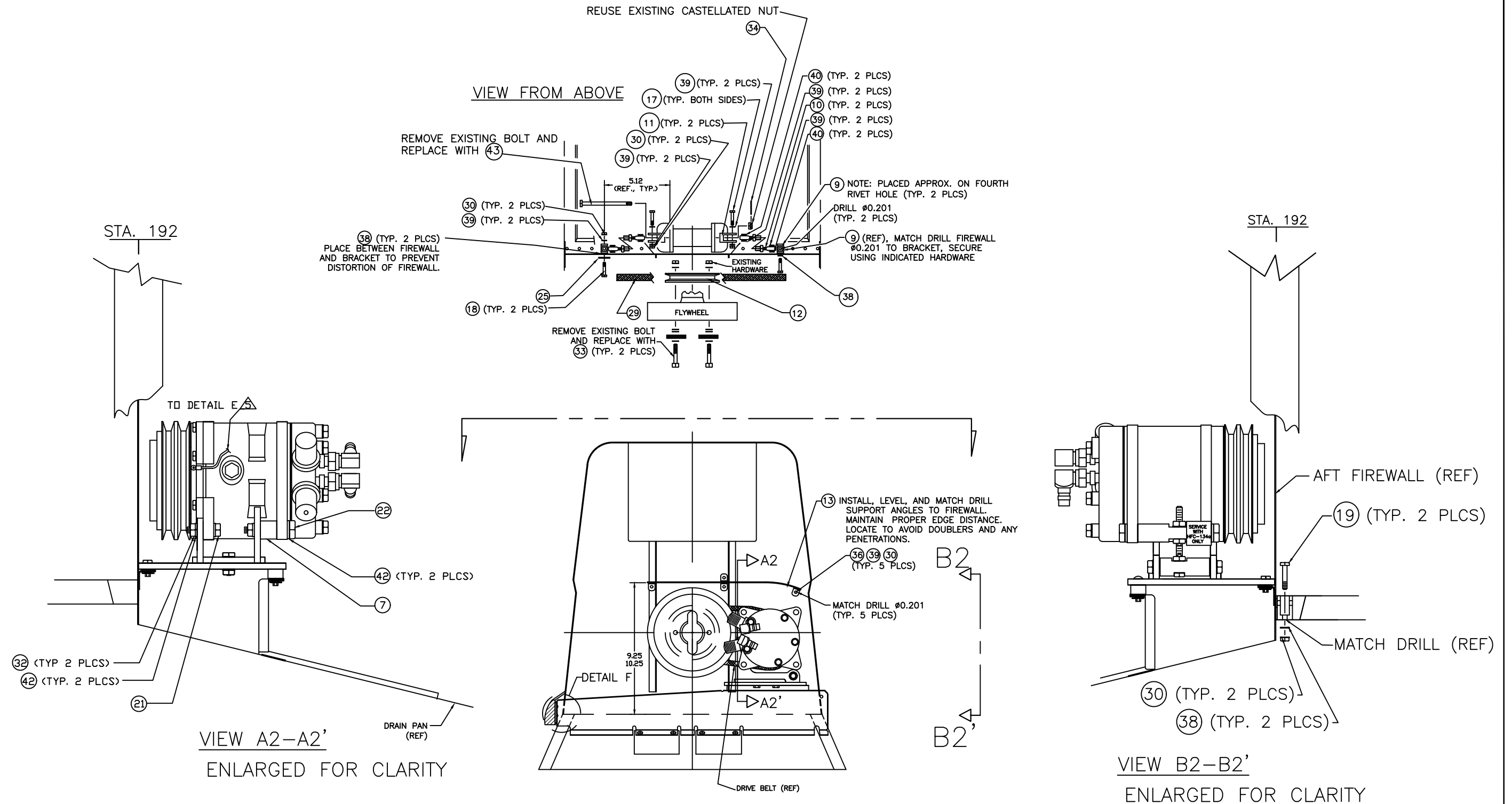
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DIMENSIONS IN INCHES		DRAWN BY RHSM	APRVD. BY REB	CHK'D BY LS	DATE 04/15/97
TOLERANCES EXCEPT WHERE NOTED:		ECO		REV H	ECO
.X = ± .1		DO NOT SCALE DRAWING		SHEET	
.XX = ± .05		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.		2 OF 8	
.XXX = ± .010					
ANGLES = ± 1°					

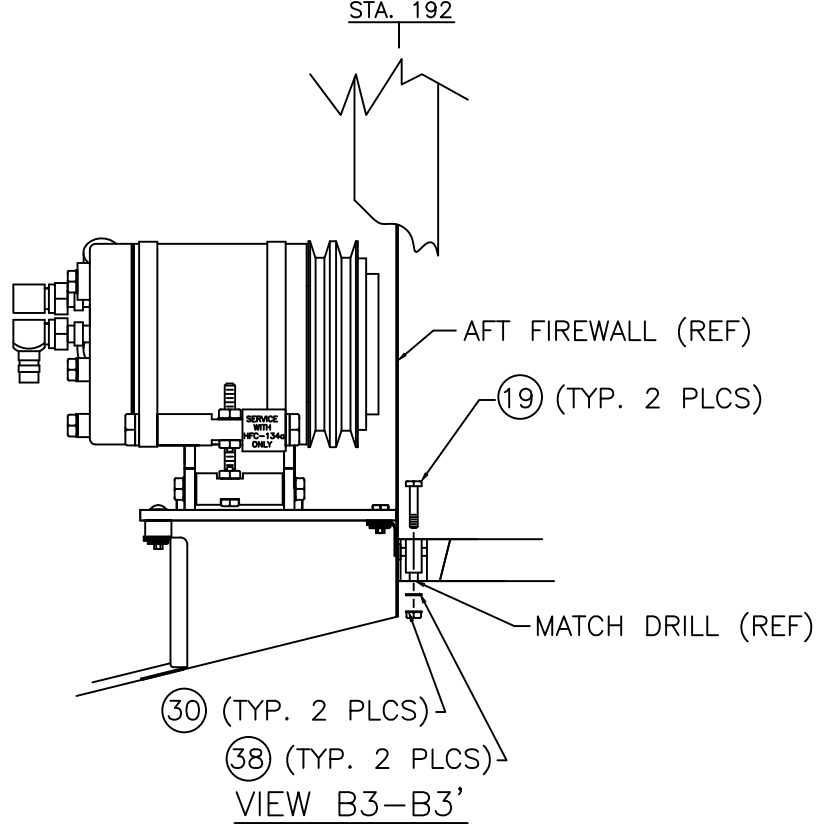
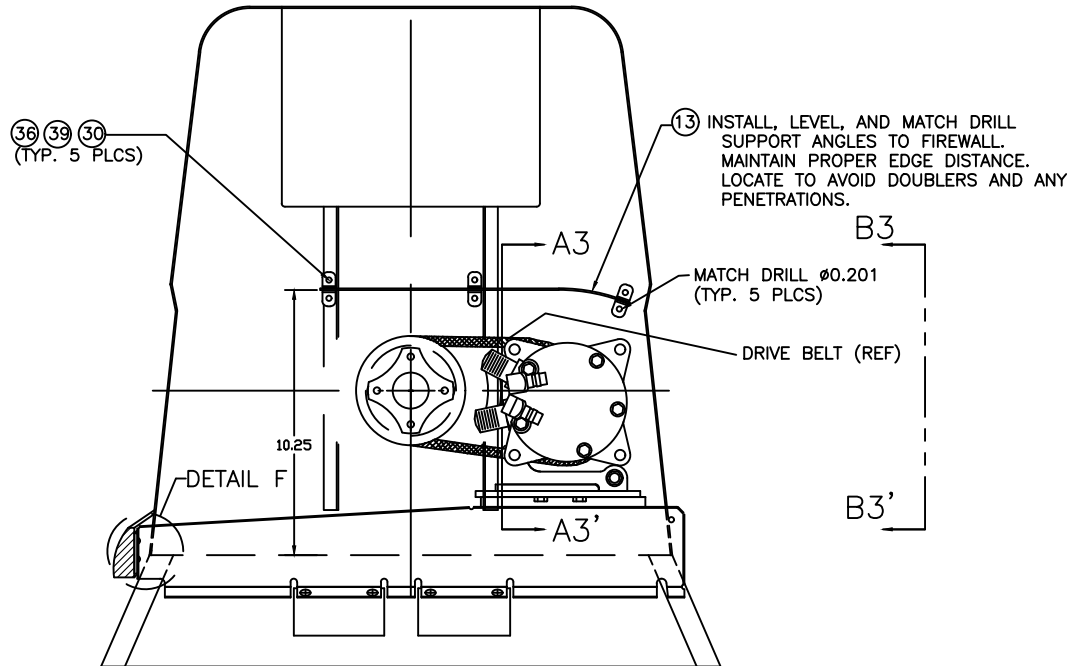
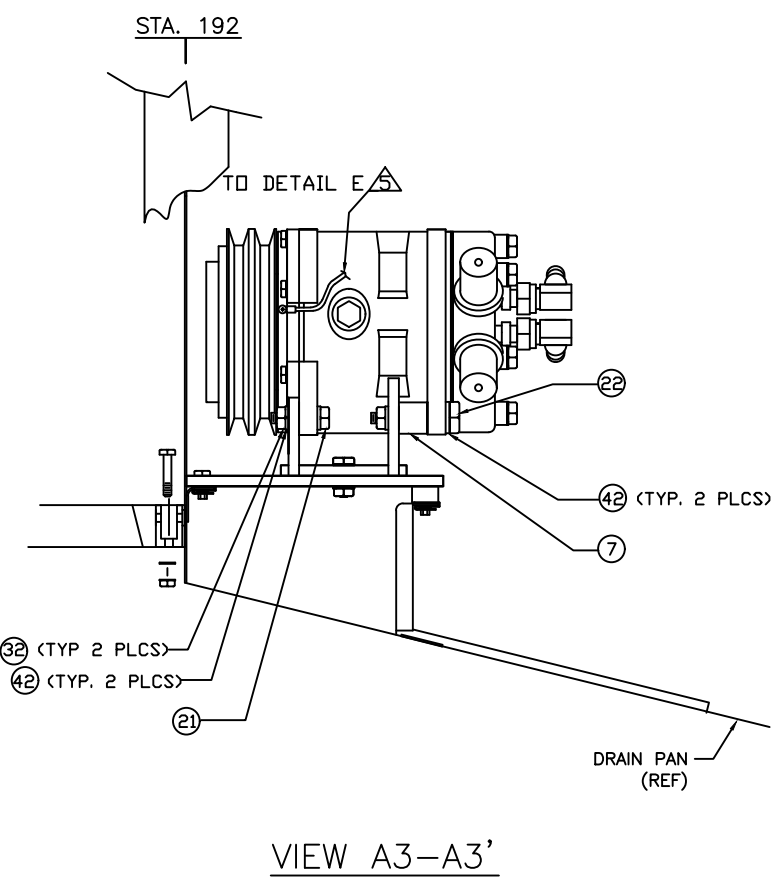
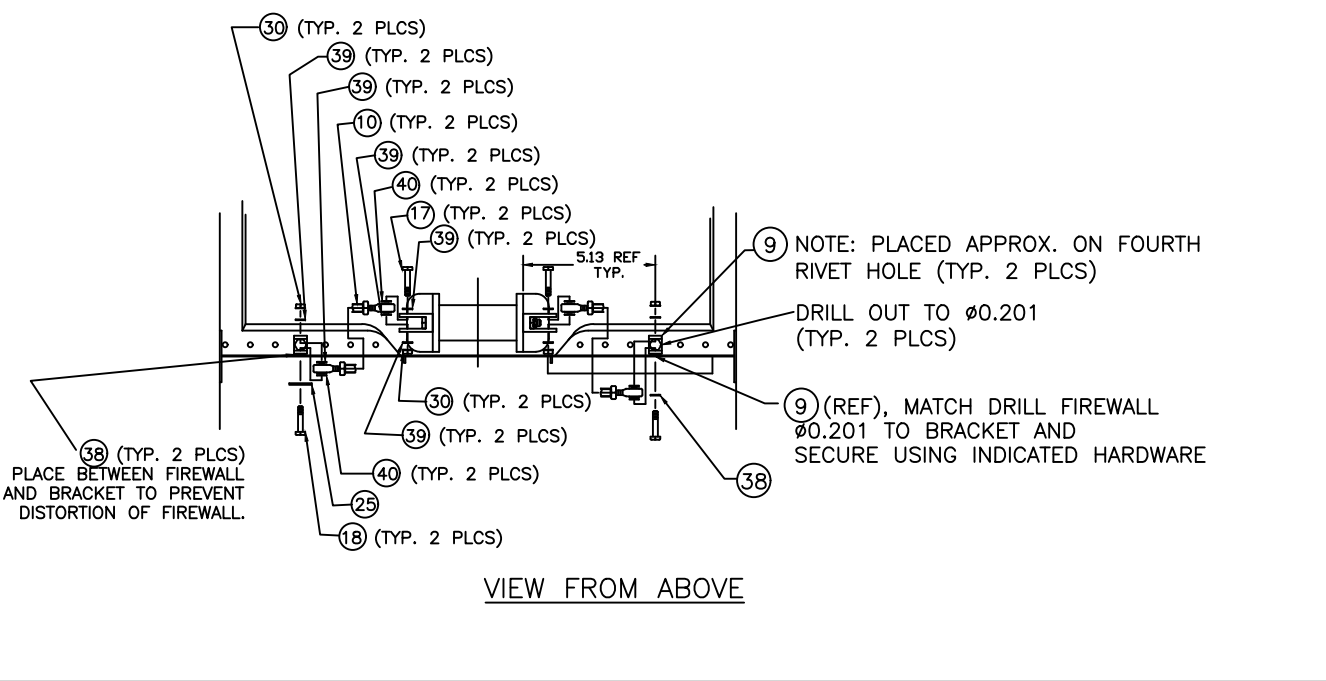
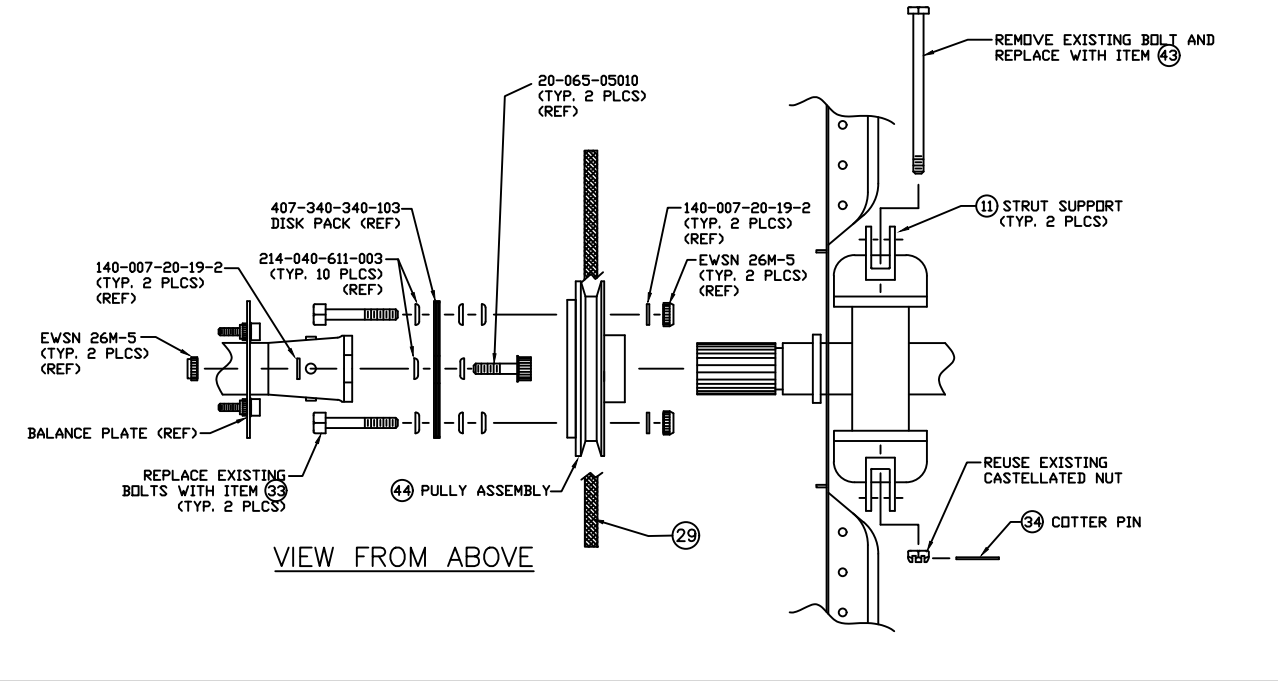
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PROTO  
N/C









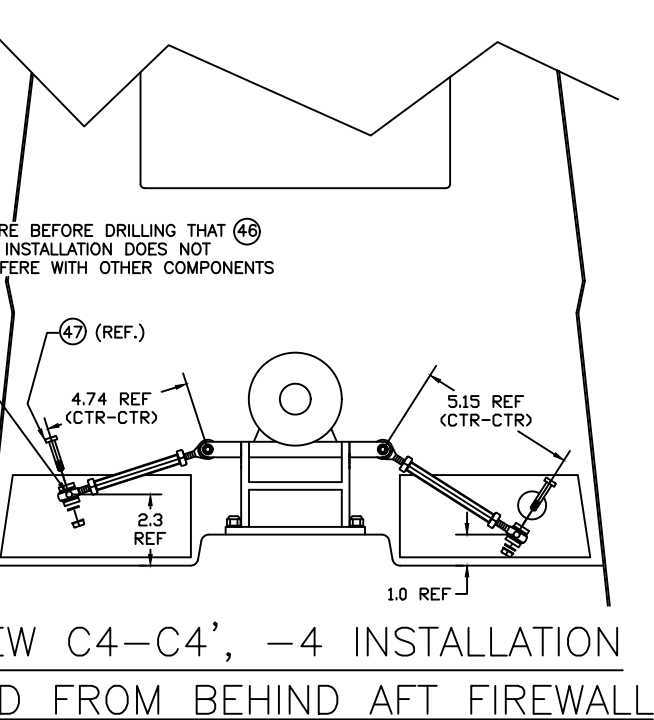
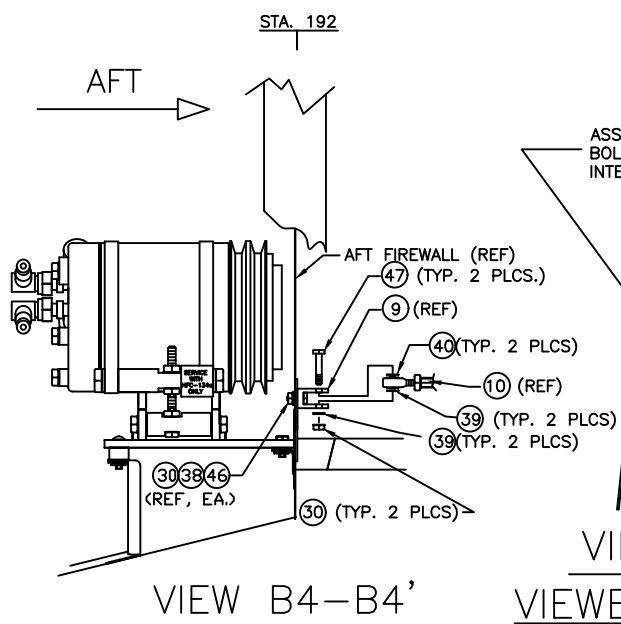
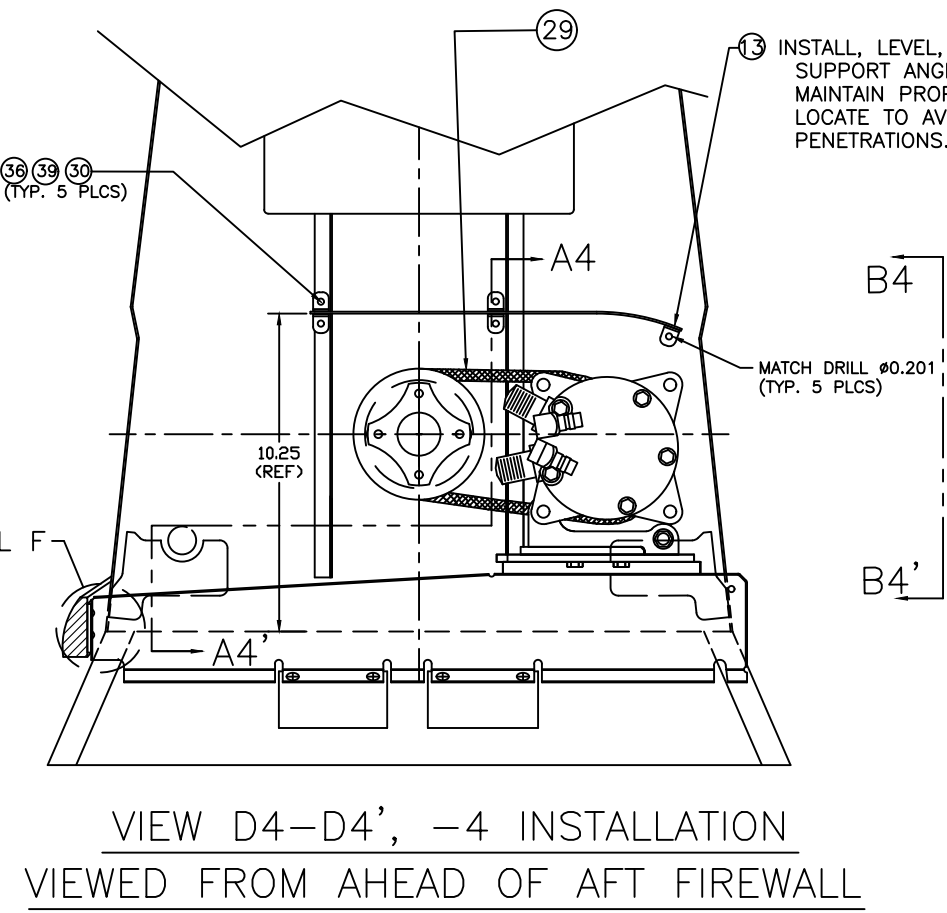
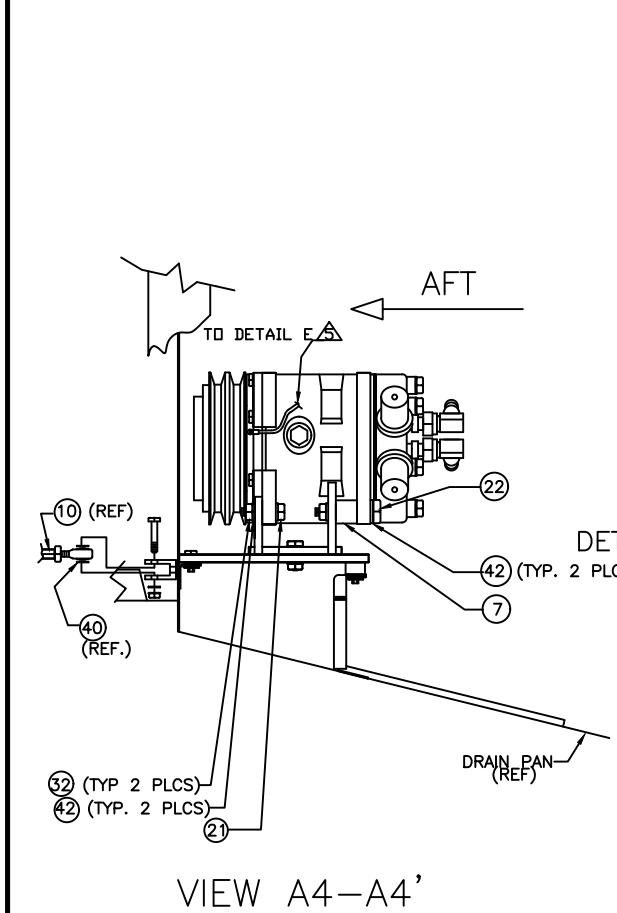
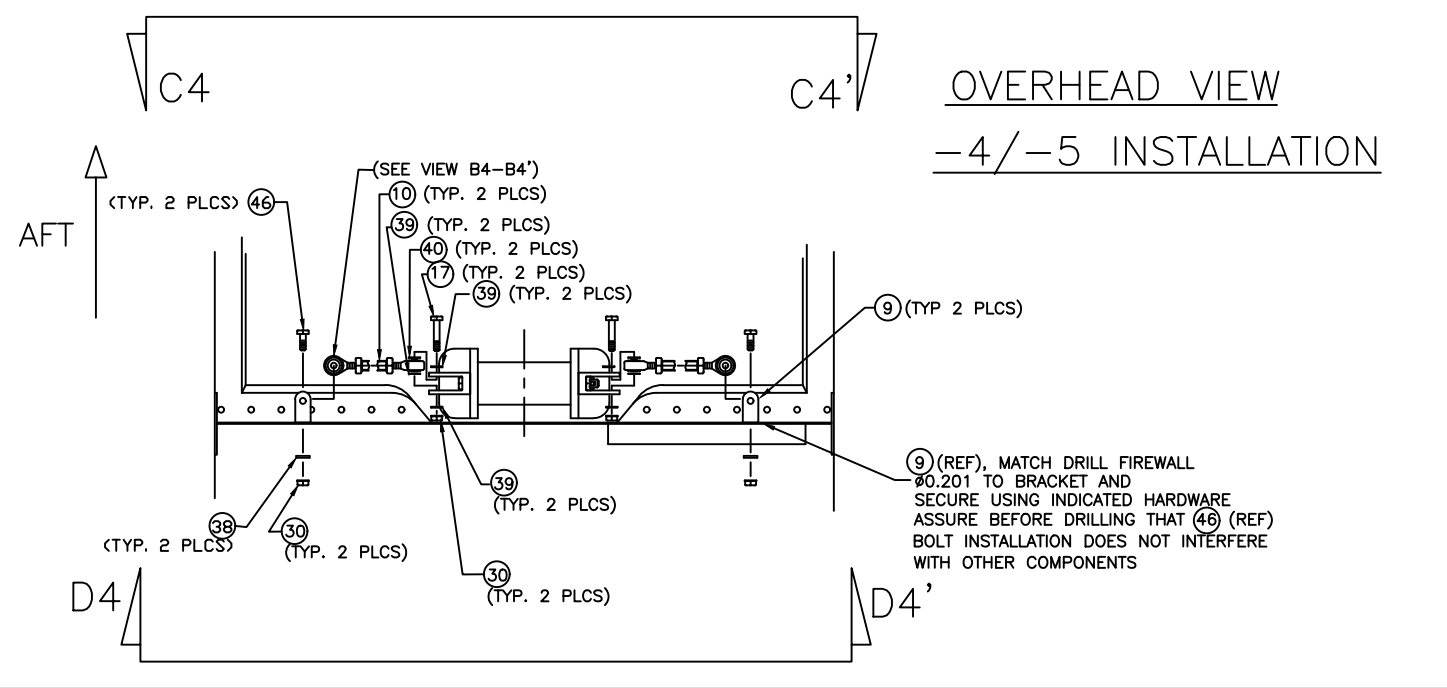
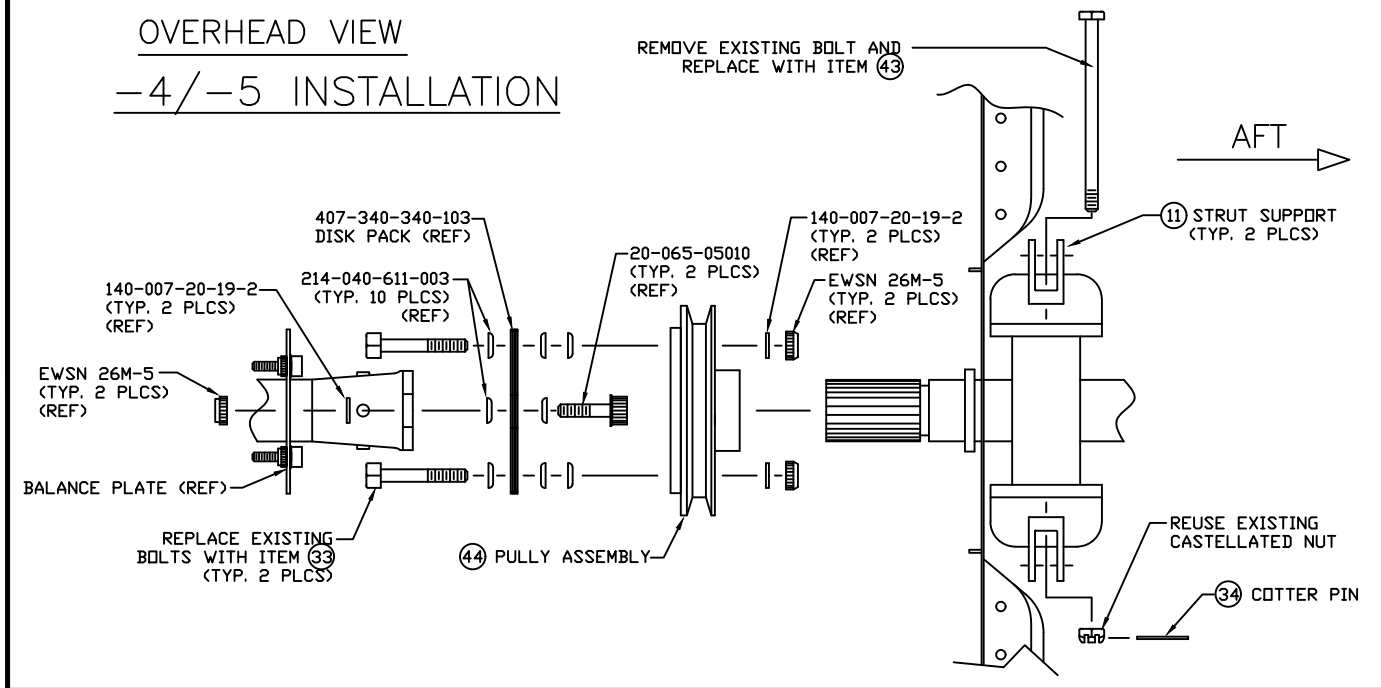
-3 INSTALLATION

BREAK ALL SHARP EDGES

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PROTO  
N/C

Paravion® Inc. Technology		TITLE COMPRESSOR INSTALLATION		DRAWING NO. 407AC-310		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV
TOLERANCES EXCEPT WHERE NOTED:		MKT	MR	LS	12/22/00	H
.X = ± .1		ECO				
.XX = ± .05		DO NOT SCALE DRAWING				SHEET
.XXX = ± .010		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				5 OF 8
ANGLES = ± 1°						

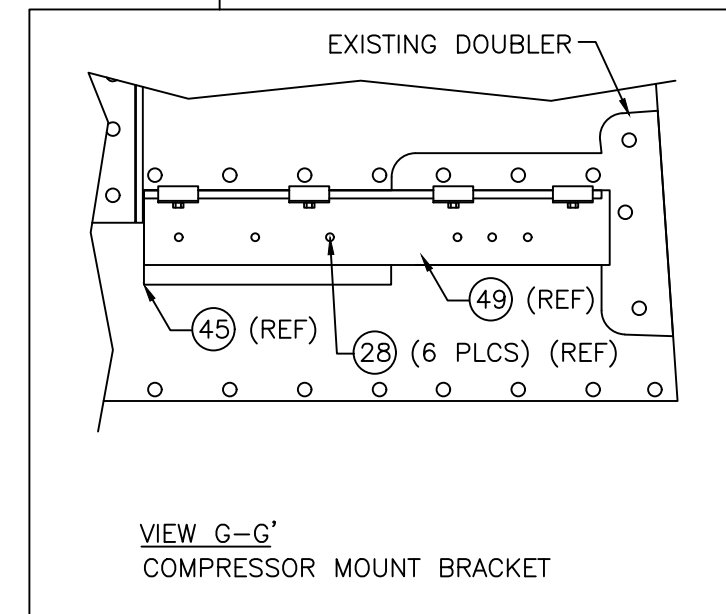
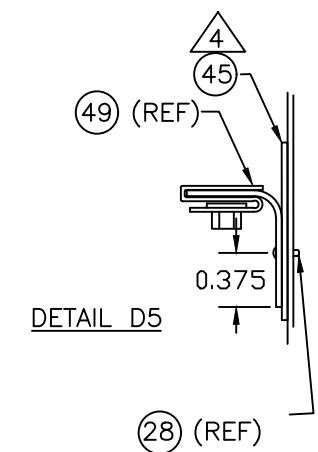
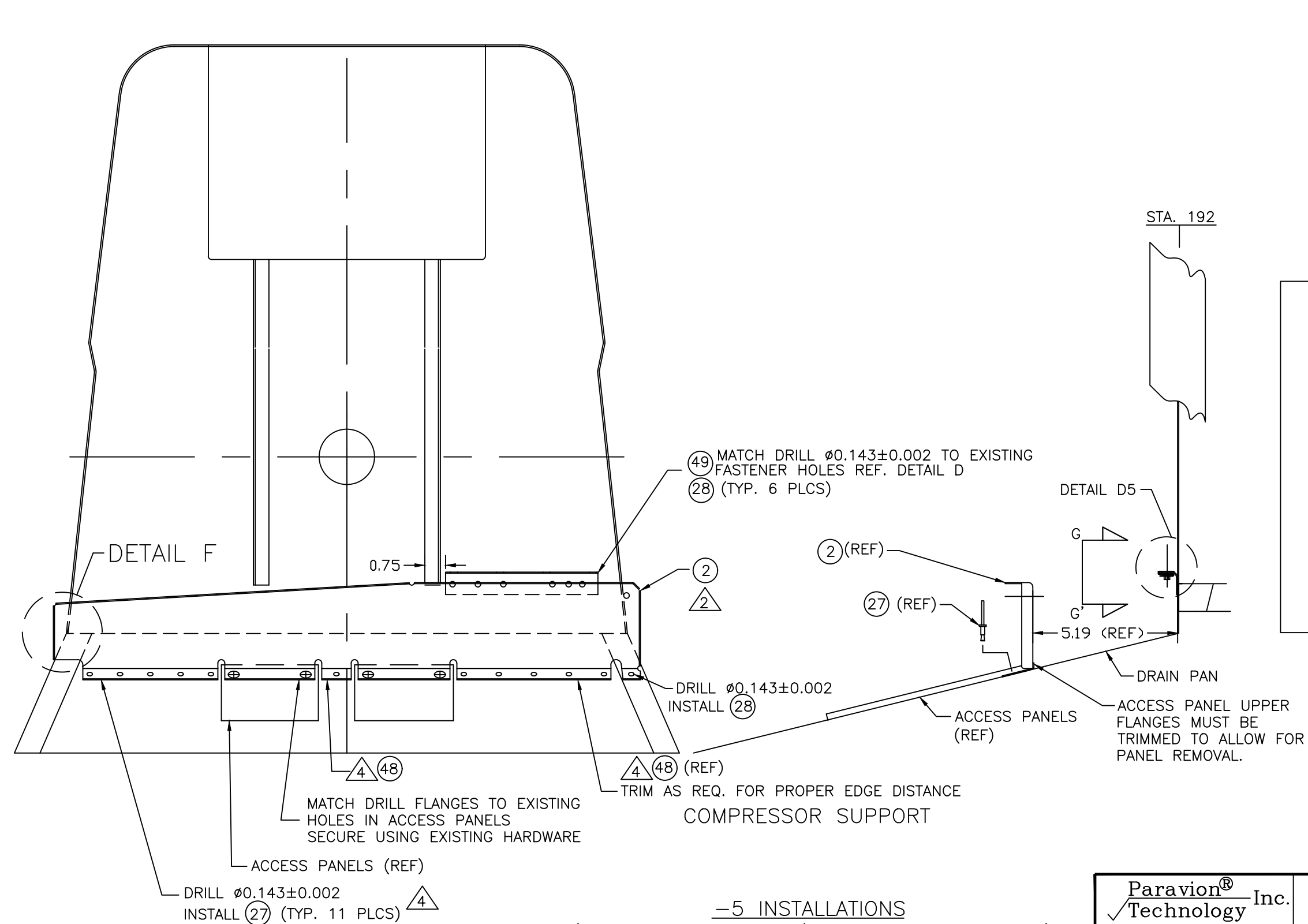


BREAK ALL SHARP EDGES

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PROTO  
N/C

Paravion® Inc. Technology		TITLE COMPRESSOR INSTALLATION		DRAWING NO. 407AC-310		
DIMENSIONS IN INCHES		DRAWN BY MKT	APRVD. BY MR	CHK'D BY LS	DATE 12/22/00	REV H
TOLERANCES EXCEPT WHERE NOTED:						ECO
.X = ± .1						
.XX = ± .05						
.XXX = ± .010						
ANGLES = ± 1°						
		DO NOT SCALE DRAWING				SHEET
		© 2022 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				6 OF 8



-5 INSTALLATIONS  
(BELL MODEL 407 S/N 54300 AND SUBSQ.)

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PROTO

N/C

Paravion®  
Technology Inc.

DIMENSIONS IN INCHES

TOLERANCES EXCEPT  
WHERE NOTED:

.X =  $\pm .1$   
 .XX =  $\pm .05$   
 .XXX =  $\pm .010$   
 ANGLES =  $\pm 1^\circ$

# TITLE

DRAWING NO.  
407AC-310

DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
DT	ZA	LS	12/19/19	H	

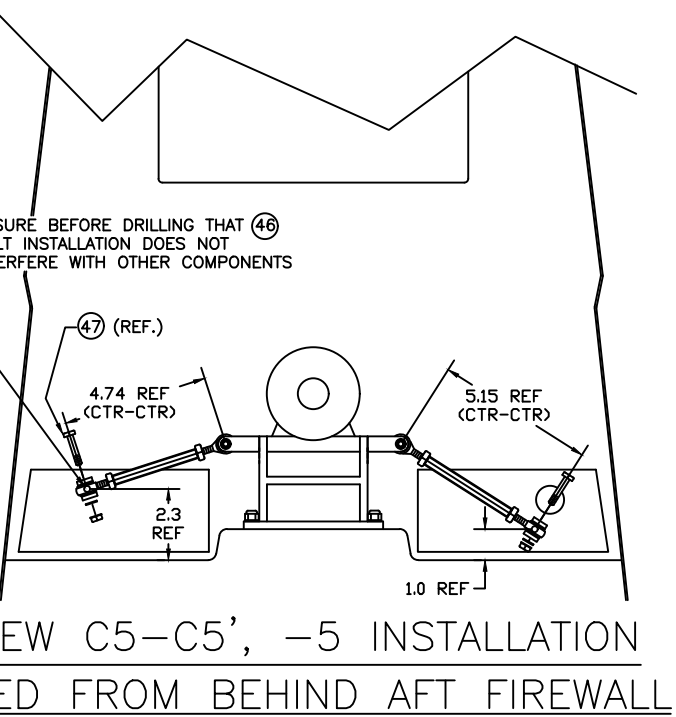
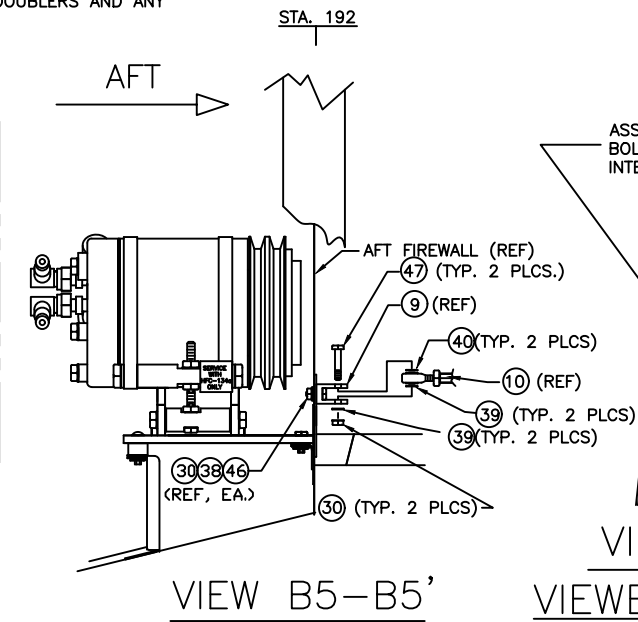
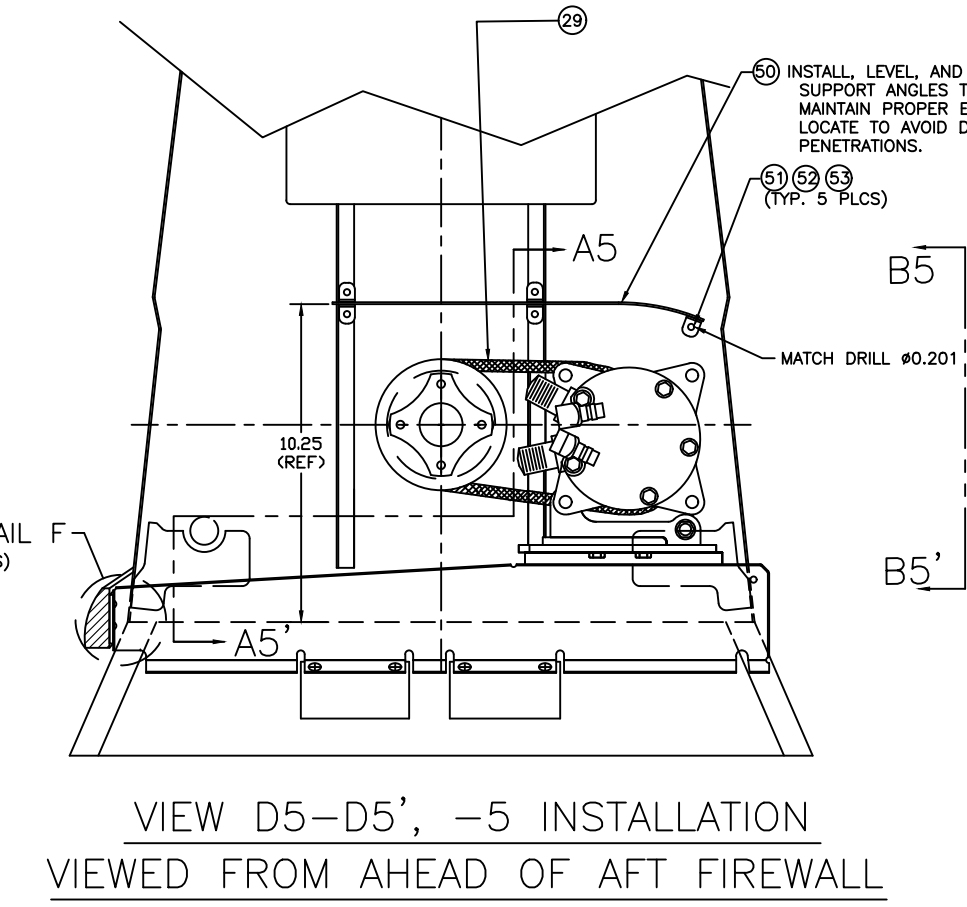
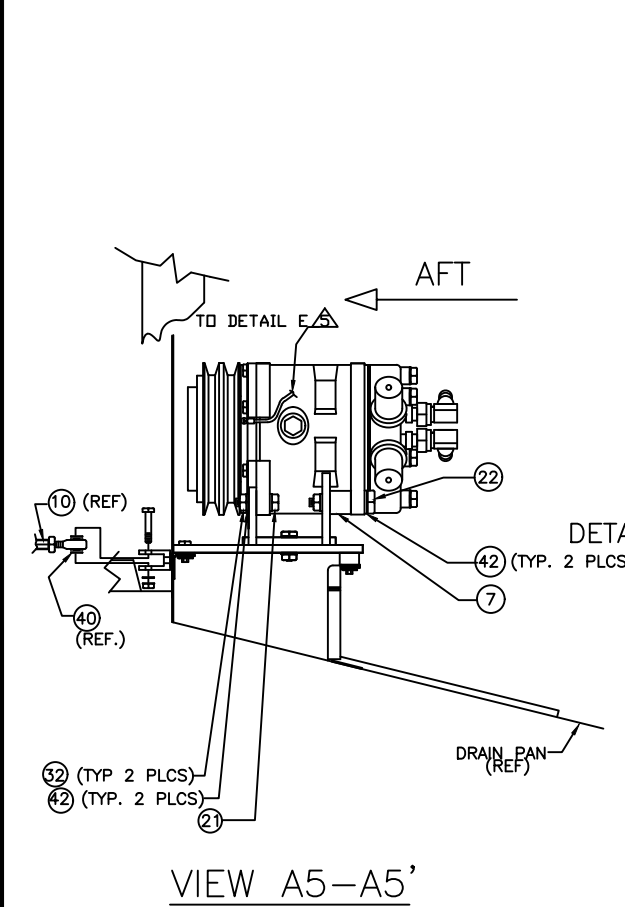
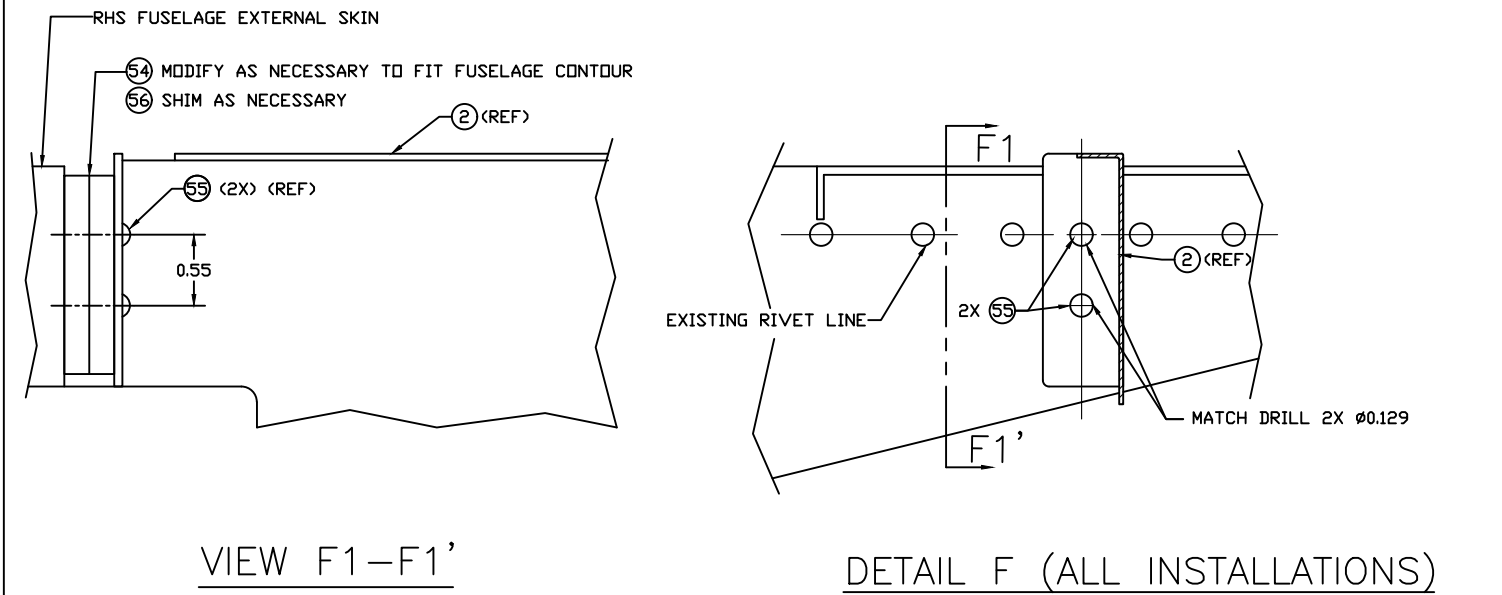
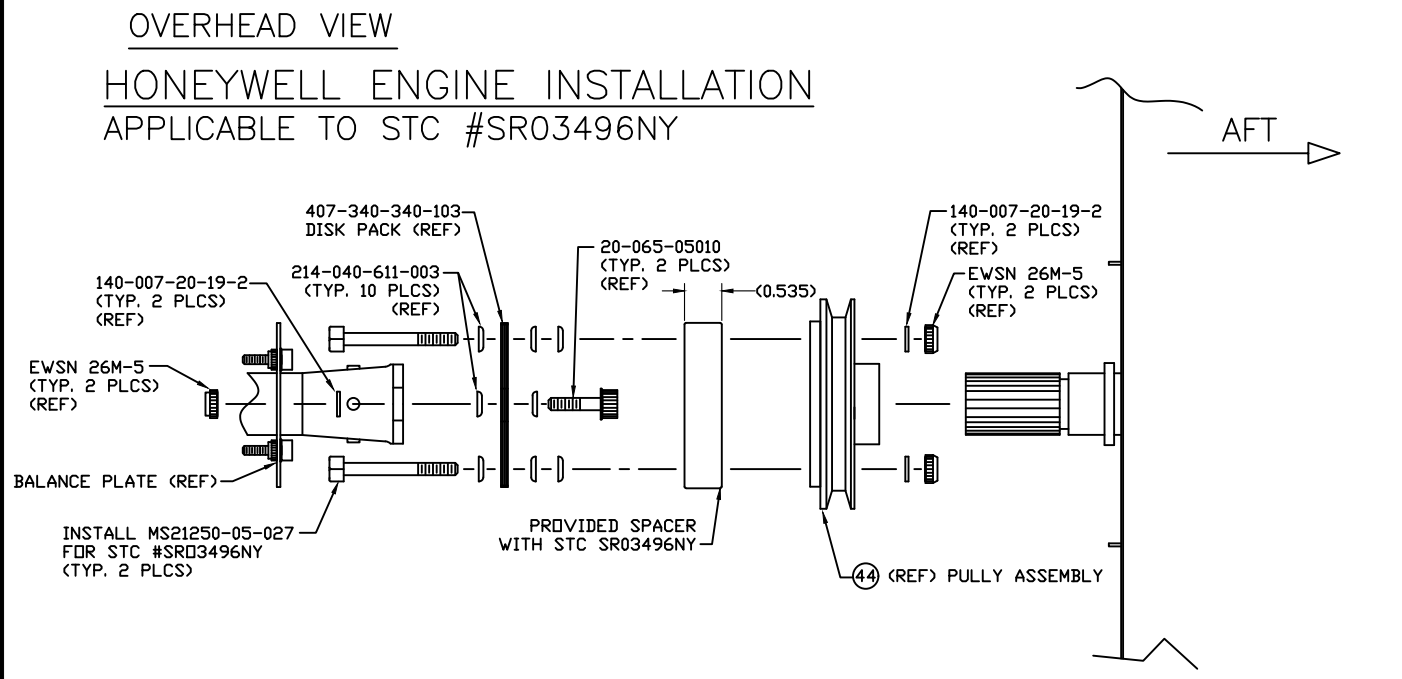
DO NOT SCALE DRAWING

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SHEET

7 OF 8

BREAK ALL SHARP EDGES



BREAK ALL SHARP EDGES

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PROTO

N/C

Paravion® Inc. Technology		TITLE			DRAWING NO.		
		COMPRESSOR INSTALLATION			407AC-310		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		DT	ZA	LS	12/19/19	H	
.X = ± .1							
.XX = ± .05							
.XXX = ± .010							
ANGLES = ± 1°							
DO NOT SCALE DRAWING						SHEET	
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# Bill of Materials

\*407AC-310-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-2, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
12	407AC-3010-1	PULLEY	1	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
18	AN3-11A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
25	AN970-3	WASHER	1	EA

# Bill of Materials

\*407AC-310-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
26	CR3553-4-02	RIVET (ALT:CR3553-4-2)	7	EA
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	3	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA

# Bill of Materials

\*407AC-310-3, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-3, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
18	AN3-11A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
25	AN970-3	WASHER	1	EA
26	CR3553-4-02	RIVET (ALT:CR3553-4-2)	7	EA

# Bill of Materials

\*407AC-310-3, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	3	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA



# Bill of Materials

\*407AC-310-4, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-4, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT:369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	9	EA
29	ES10600-2	DRIVE BELT	1	EA

# Bill of Materials

\*407AC-310-4, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
45	206AC-3512-2	SHIM	1	EA
46	AN3-4A	BOLT	2	EA
47	AN3-7A	BOLT	2	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA

# Bill of Materials

\*407AC-310-5, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-5, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	EA
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	9	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA

# Bill of Materials

\*407AC-310-5, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
45	206AC-3512-2	SHIM	1	EA
46	AN3-4A	BOLT	2	EA
47	AN3-7A	BOLT	2	EA
48	206AC-3512-3	SHIM	1	EA
49	206AC-3512-4	SUPPORT ANGLE ASSY.	1	EA
50	407AC-3016-2	BELT GUARD ASSY.	1	EA
51	MS27039C1-08	SCREW	5	EA
52	NAS1149C0332R	WASHER	5	EA
53	MS21043-3	NUT	5	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA